Planned Aviation Training Systems Acquisitions FY05-07

Platform	Project Description	Effort	Anticip. Award	Antic. Contract Value	Contract Vehicle	Point of Contact
ASCH	Devel., Trainer PC Simulations to replace Elect. Classrooms	PC Sim	FY06	6-10M	TSC II	PDA
AV-8B	Italian Mission Simulator	Upg	FY05, 06	6-10M	TSC II	PDA
AV-8B	2F150 Radar/Visual Upgrade	Trainer	FY07	6-10M	TSC II	PDA
AV-8B	ISEo Support Contract	Suppt.	FY06	6-10M	FTSS II	PDA
CACT	T-39	CACT	FY06	1-5M	Open	PDA
CACT	C-20A/D	CACT	FY06	1-5M	Open	PDA
CACT	C-40A Maintenance	CACT	FY06	6-10M	Open	PDA
CACT	UC-12B	CACT	FY06	6-10M	Open	PDA
CACT	C-40A Pilot	CACT	FY07	1-5M	Open	PDA
CH-47	CH-47F Transportable Flight Prof. Sim (TFPS)	Trainer	FY06	100M+	TSC II	PDA
CH-53E	WST 2F174, 1&2 Visual Upgrade, NAS Miramar	Mod	FY06	1-5M	TSC II	PDA
COMS	CISPAC	COMS	FY05	11-20M	FTSS II	PDA
COMS	CIS/MV-22/ATS (MATSS)	COMS	FY05	20M+	FTSS II	PDA
COMS	CISLANT	COMS	FY06	11-20M	FTSS II	PDA
COMS	E-2C	COMS	FY06	6-10M	TBD	PDA
COMS	CNATRA	COMS	FY07	20M+	FTSS II	PDA
E2-Adv Heye	E-2D Advanced Hawkeye, OFT/s, WST/s, Avionics trainer/s	Trainers	FY07	100M+	TSC II	PDA
E-2D	E-2C 15F8A/C TTs Rehost	MOD	FY07	1-5M	TSC II	PDA
E-2D	E-2C 2F110 1 & 2 Visual System Upgrade	MOD	FY07	1-5M	TSC II	PDA
E-6	CFCTS Re-Compete	CFCTS	FY06	20M+	TBD	PDA
EA-6B	2F143 Re-Host	MOD	FY05	1-5M	TSC II	PDA
EA-6B	NASMP Compliance Gateway, Device 2F187	MOD	FY05	1-5M	SBIR	PDA
EA-6B	2F178 Rehost	Upg	FY07	1-5M	TBD	PDA
EA-6B	2F143 Visual Upgrade	MOD	FY06	1-5M	TSC II	PDA
EA-6B	ISEO Support Contract	Suppt.	FY06	1-5M	FTSS II	PDA
F/A-18	F/A-18 C/D IDIQ, New Procurement	Trainer	FY05	20M+	TSC II	PDA
H-60	SH-60B TOFTs, "F" OFTs, MH-60S TOFTs (FAST) Upgrade	Upg	FY06	20M+	TSC II	PDA
H-60	S/MH-60B/R (TOFT): TOFTs 4-6, OFTs 4-6, WTTs 4-6	Trainer	FY06	20M+	TSC II	PDA
KC-130	Maintenance Training Curriculum	Curriculum	FY06	1-5M	TBD	PDA
LSO	2H111Block Upgrade	MOD	FY06	1-5M	TSC II	PDA
MH-53E	OFT 2F141Visual/HLA/Aero Rehost	MOD	FY06	6-10M	TSCII	PDA
MH-60R	Modify (2) Automatic Flight Control Sustem (AFCS) for Maint. Train.	MOD	FY05	1-5M	TSCII	PDA
NFO	Military Flight Office training		FY06	1-5M	TSC II	PDA
SH-60F	Aircrew Virt. Environ., Trainer (AVET)	Trainer	FY06	1-5M	TSC II	PDA
T-45	DV 2F138/2F137C RAMP	Upg	FY06	20M+	TSC II	PDA
USMC	WESTPAC Baseline Configuraton Upgrade	Upgrade	FY06	1-5M	TSC II	PDA

‘A’ School Electronic Classroom/PC Simulations

- Description: Replace ‘A’ School Initial Skills Training Devices and Technical Training Equipment (TTE) based laboratory training with PC Simulations. Install 2H148 Universal Simulation Trainers (UST) classroom training systems at STAR 21 training sites to support PC Simulation delivery
- OEM-FDE
- Issues: Must be compatible with the Integrated Learning Environment (ILE)

- Competition Type: TSC II Lot II
  - Funding Range: 6-10M
  - Contract Award Date: May 06
  - RFP Date: January 06

- POC # (407) 380-4232

AV-8B Italian Mission Simulator

- Description: Italian Mission Simulator Upgrade , Device S2F176, Grottaglie, Italy
- Trainer Device OEM: Indra
  - Available GFI developed by: TBD
- Issues: Expected funding date could slide to the right.
- Competition Type: TSC II
  - Funding Range: 6-10M
  - Contract Award Date: First quarter FY06
  - RFP Date: First quarter of FY06
- POC # (407) 380- 8161

AV-8B 2F150 Upgrade

- Description: Radar and Visual System Upgrade to Device 2F150. A ‘Switchability’ upgrade to facilitate training in both Radar and Day Attack configurations is a possible addition to the effort.
  - Trainer Device OEM: McDonnell Douglas
  - Available GFI developed by: If applicable, Indra, Gov. organic
- Issues: Expected funding date could slide to the right.

- Competition Type: TSC II
  - Funding Range: 6-10M
  - Contract Award Date: Second quarter FY07
  - RFP Date: First quarter of FY07

- POC # (407) 380- 8161

AV-8B In-Service Engineering Office (ISEO) Support

- Description: Select ISEO Support contractor for TECR resolution and ECP incorporation. Effort will be at MCAS Cherry Point, NC.
  - Effort will be in support of Aircrew and Maintenance trainers.
  - GFI will be provided as required.
- Procurement will be competed on the FTSS II Vehicle.
  - Approximate Funding Range: $1-5M annually, FY06-10
  - Contract is expected to be awarded in November 2005
- POC (407) 380-8161

CACT C-40A Maintenance Training

- Description: Maintenance Training for the C-40A Aircraft. The contractor shall provide all labor, equipment, training facilities, tools, training materials, training devices, administration, supervision and other services necessary for training for maintenance personnel of the Navy's C-40A (Boeing 737-700C Increased Gross Weight (IGW) configured for the U.S. Navy). Courses are stand-alone in that no contractor, pre-arrival training requirements of the trainee will be allowed.

- Issues: None

- Competition Type: Full and Open
  - Funding Range: 6.5M - 7.5M
  - Contract Award Date: 1/16/2006
  - RFP Date: 6/8/2005

- POC #(407) 380-4463

CACT C-20A/D Training

- Description: Pilot and Maintenance Training for the C-20A/D Aircraft. The contractor shall provide all labor, equipment, training facilities, tools, training materials, training devices, administration, supervision and other services necessary for training for pilot and maintenance personnel of the Navy's C-20A/D (Gulfstream III AC and DC Models). Courses are stand-alone in that no contractor, pre-arrival training requirements of the trainee will be allowed.
- Issues: None
- Competition Type: Full and Open
  - Funding Range: 2 - 3M
  - Contract Award Date: 03/31/2006
  - RFP Date: 10/1/2005
- POC #(407) 380-4463

CACT UC-12B Training

- Description: Pilot and NFO training for the UC-12B/F/M Aircraft. The contractor shall provide all labor, equipment, training facilities, tools, training materials, training devices, administration, supervision and other services necessary for training for aircrew personnel of the Navy's UC-12 (Beechcraft Kingair 200 configured for the U.S. Navy). Courses are stand-alone in that no contractor, pre-arrival training requirements of the trainee will be allowed.
- Issues: None
- Competition Type: Full and Open
  - Funding Range: 7– 10M
  - Contract Award Date: 03/31/2006
  - RFP Date: 10/01/2005
- POC #(407) 380-4463

CACT T-39 Training

- Description: Pilot and NFO Training for the T-39 Aircraft. The contractor shall provide all labor, equipment, training facilities, tools, training materials, training devices, administration, supervision and other services necessary for training for aircrew personnel of the Navy's T-39 (Sabreliner Model 40/60). Courses are stand-alone in that no contractor, pre-arrival training requirements of the trainee will be allowed.
- Issues: None
- Competition Type: Full and Open
  - Funding Range: 1- 1.2M
  - Contract Award Date: 4/30/2006
  - RFP Date: 10/31/2005
- POC #(407) 380-4463

CACT C-40A Pilot Training

- Description: Pilot Training for the C-40A Aircraft. The contractor shall provide all labor, equipment, training facilities, tools, training materials, training devices, administration, supervision and other services necessary for training for aircrew personnel of the Navy's C-40A (Boeing 737-700C Increased Gross Weight (IGW) configured for the U.S. Navy). Courses are stand-alone in that no contractor, pre-arrival training requirements of the trainee will be allowed.
- Issues: None
- Competition Type: Full and Open
  - Funding Range: 3.3 - 4M
  - Contract Award Date: 8/1/2007
  - RFP Date: 2/1/2007
- POC #(407) 380-4463

FTSS II FY05 – FY07
Contractor Operation and Maintenance (COMS), Contractor Instructor Services (CIS) of Simulators

PROGRAM	RFP RELEASE	AMOUNT
Marine Corps ATS (COMS/CIS) (AV-8, CH-46/53, AH-1, MV-22)	10 June 2005	>$50M
CIS-PACIFIC (Navy)	11 July 2005	>$15M
E-2C COMS	1st Qtr FY06	>$ 5M
CIS-LANT (Navy)	2nd Qtr FY06	>$10M
CNATRA COMS	1st Qtr FY07	>$20M

POC #(407) 380-8219

CH-53E 2F174 Visual Upgrade

- Description: Upgrade 2F174 Visual Display System due to obsolescence.
  - Trainer Device OEM: Upgraded to 2F174 by Hughes Training Systems. Original 2F120 by Sperry Rand Corp
  - Available GFI developed by: N/A at this time.
- Issues: None at this time.

- Competition Type: TSCII Open
  - Funding Range: $1-$5M
  - Contract Award Date: Jan – Feb 06
  - RFP Date: Sep – Oct 05

- POC # (407) 380-4225 or (407) 380-8529

CH-47F TFPS Production Contract

- Description: This is a production contract for the CH-47F Transportable Flight Proficiency Simulator (TFPS) that is being prototyped by Manned Flight Simulator (MFS). Current Army production requirement is for 12 TFPS deliveries between FY 07-14
- Issues: This will be an Invitation For Bid (IFB) vice RFP solicitation. Contract includes contractor oversight of the Validation and Verification build at MFS. Production run will use this design package.
- Competition Type: TSC II
  - Funding Range: 140M between FY07-14
  - Contract Award Date: Aug 06
  - IFB Date: July 06
- POC # (407) 380-4140

E-2C 2F110-1&2 Visual Upgrade

- Description: Upgrade two Operational Flight Trainer (OFT) visual systems: displays and computers; to alleviate obsolescence issues.
  - Current system is a 3 channel WAC system
  - Image Generator hardware is SG Reality Engine II
  - Image Generator software is MultiGen Paradigm
- Issues: Funding uncertain
- Competition Type: TSC II
  - Funding Range: $2-4M
  - Contract Award Date: FY07
  - RFP Date: Early FY07
- POC # (407) 380-8046

E-2D Training Systems

- Description: New Advanced Hawkeye E-2D Training Systems to include one Operational Flight Trainer (OFT), Weapons Systems Trainer (WST) and Simulated Maintenance Trainer (SMT) with options for one OFT, two WSTs, and a Maintenance Trainer Suite (MTS).
- Issues: Concurrent development with aircraft program
- Competition Type: TSC II
  - Funding Range: $150M - $200M
  - Contract Award Date: FY07
  - RFP Date: Late FY06/Early FY07
- POC # (407) 380-8046

E-2C 15F8C Rehost

- Description: Upgrade one Group II Tactics Trainer (TT) computer systems to alleviate obsolescence issues through 2020.
  - TT OEM: Northrop Grumman
  - Host operating system is MPX; software is Assembly
- Issues: Funding uncertain
- Competition Type: TSC II
  - Funding Range: $4-5M
  - Contract Award Date: FY07
  - RFP Date: Early FY07
- POC # (407) 380-8046

E-6B CFCTS

- Description: Contract Flight Crew Training Systems re-compete. Includes COMS, ISD, Engineering Support, Training Device Fee for Service, and Configuration Management.
  - Trainer Device OEM: N/A
  - Available GFI developed by: N/A
- Issues: Contract Award for up to 8 years- Issuing a sources sought focused on fee for service portion-*Updated-scope looks stable*
- Competition Type: Full and Open Competition
  - Funding Range: 20M+
  - Contract Award Date: Oct 06
  - RFP Date: Oct 05
- POC # (407) 380-4225 or (407) 380-8529

EA-6B Naval Aviation Simulation Master Plan Compliance

- Develop software/hardware necessary for EA-6B ICAP III device 2F187 (WST) to comply with NASMP interoperability requirements
  - Trainer is located at NAS Whidbey Island, WA and was developed by Lockheed Martin
  - Effort will be limited to demonstration of NASMP compliance
  - Contractor will update existing trainer specifications as lot 1 and Lot 2 will be the actual NASMP compliance labor/materials.
  - GFI will be provided as required.
- Funding possibly in jeopardy due to acquisition late in FY
- Procurement effort will be on an existing NASMP phase III SBIR
  - Approximately $2 M in funding
  - Estimated RFP is June 05, contract award is July 05

- POC # (407) 380-4929

EA-6B 2F178 Re-host

- Replace antiquated computer hardware/software in Weapons System Trainer (WST) 2F178 located at MCAS Iwakuni, Japan
  - The 2F178 was fielded in FY 2003 by Electronic Warfare Associates. The majority of the instruments and associated displays, etc. are simulated.
  - GFI will be provided as required
- Procurement will be competitive
  - Planned funding $613K FY 07 and $887K FY 08
  - Planned RFP is NOV 06
- POC # (407) 380-4929

EA-6B 2F143 Visual System Upgrade

- Upgrade antiquated visual systems of 2F143 Operational Flight/Navigation Trainers located at MCAS Cherry Point, NC and NAS Whidbey Island, WA. First effort FY 06 for Cherry Point with follow on effort for NAS Whidbey Island in FY 07.
  - Effort at MCAS Cherry Point will include Night Vision performance and adding PCIGs and utilization of the Marine Corps common data base
  - Trainers were originally manufactured by Reflectone
  - GFI will be provided as required.
- Procurement will utilize TSC II small business 8A type contractor
  - Funding planned $1.785M FY 06 and $715K FY 07
  - RFP date estimated to be May 06
  - Estimated contract award date is July 06
- POC # (407) 380-4929

EA-6B In-Service Engineering Office (ISEO) Support

- Description: Select ISEO support contractor for TECR resolution and ECP incorporation. Effort will be at NAS Whidbey Island, WA and MCAS Cherry Point, NC.
  - Effort will support the following trainers: 2F143, 2F185 (OF/NTs), 15E22C, 15E43 (TTTs), 2F187, 2F178 (WSTs)
  - Trainers are in both 89A configuration and ICAP III configuration
  - Trainers developed by Lockheed Martin, Reflectone, and Electronic Warfare Associates
  - GFI will be provided as required
- Procurement will be competed on the FTSS II Vehicle
  - Approximately Funding Range: $700K FY 06 and FY 07
  - Contract is expected to be awarded in November 2005
- POC (407) 380-4929

FA-18EF & EA-18G

- Description: All FA-18EF and EA-18G aircrew and maintenance training systems are sole source procurement to Boeing for next 5 years.
  - Trainer Device OEM: Boeing
- For any desired involvement, please approach Boeing directly.

FA-18CD

- Description: FA-18CD Roadmap Procurement Program. Procurement of a family of common FA-18CD aircrew training systems, including all newly developed, under contract, and legacy training systems, their upgrades, modifications, rehosts, etc. from FY05-FY11.
- Issues:
  - GFI is not available at this time. Upon acceptance of current trainers from L-3, portions of the software and documentation will be made available to offerors or the awardee.
  - Funding may be reduced or eliminated at any time.
- Competition Type:
  - TSCII Competition. RFP due out in May. Portions of the RFP are already accessible through the web.
  - Funding range: Possibly up to $300M
- POC # (407) 380-4404

LSO Block Upgrade

- Description: Upgrade LSOT 2H111 trainer at Oceana, VA. Includes IG, IOS upgrade, and relocation of trainer. Also, modify trainer by incorporating back log of multiple Trainer Engineering Change Requests (TECRs).
- GFI- OEM is Signal, OCI
- Issues: None

- Competition Type: TSC II Lot I SBA
  - Funding Range: 1-5M
  - Contract Award Date: July 07
  - RFP Date: Jan 07

- POC # (407) 380-4176

MH-53E 2F141 Visual Upgrade

- Description: Upgrade 2F141 Visual Display System,. Control Loader, IOS Replacement, and Host Upgrade.
  - Trainer Device OEM: Honeywell Inc.
  - Available GFI developed by: Various Sources
- Issues: None at this time.
- Competition Type: TSCII Open
  - Funding Range: $5 - $10M
  - Contract Award Date: Aug 05
  - RFP Date: May 05
- POC # (407) 380-4225 or (407) 380-8529

SH-60F, MH-60R, S Weapons Load Trainer/Mission Configuration Trainer(WLT/MCT)

- Description:
  - Modify (1) SH-60F Ordnance Trainer: Incorporate SH-60B functionality to support the SH-60B ordnance community at NAS North Island while maintaining SH-60F ordnance training capabilities.
  - Procure (3) MH-60R Weapons Load Trainers: To support the MH-60R ordnance communities at: NAS North Island, NAS Jacksonville, and NS Mayport.
    This trainer will be a new build to accommodate the introduction of the MH-60R helicopter.
  - Procure (2) MH-60S Weapons Load / Mission Configuration Trainers: To support the MH-60S maintenance and ordnance communities at NAS Norfolk and NAS North Island. This Trainer will be a new build to accommodate the introduction of the MH-60S helicopter, Armed Helo and OAMCM systems.

SH-60F, MH-60R, S Weapons Load Trainer/Mission Configuration Trainer(WLT/MCT)

- Trainer Device OEM: TBD
- Available GFI developed by: GFE being provided will be identified in the RFP.

- Issues: Contractors are responsible for providing innovative approach for any GFE not provided. Data for the MH-60S Organic Airborne Mine Counter Measures (OAMCM) options will not be immediately available.

- Competition Type: TSC II Lot I. CPIF for 1st articles MH60R WLT, MH-60S MCT, and OAMCM options. FFP for all other Lots.
  - Funding Range: $10 M – $33 M
  - Contract Award Date: August 2005
  - RFP Date: May 2005

- POC # NAVAIR Orlando Contracts (407) 380-8020.

MH-60R Automatic Flight Control System (AFCS) Trainer

- Description: This acquisition will modify two (2) pre-existing H-60 AFCS trainers to support MH-60R maintenance training at NAS North Island and NAS Jacksonville.
  - Trainer Device OEM: Sikorsky
  - Available GFI developed by: GFE will be identified in the RFP
- Issues: Build to budget
- Competition Type: TSC II Lot I. FFP
  - Funding Range: $560 K to $1.12 M
  - Contract Award Date: Aug 2005
  - RFP Date: May 2005
- POC # NAVAIR Orlando Contracts (407) 380-8020

S/MH-60B/R Tactical Operational Flight Trainer (TOFT)

- Description: This procurement will deliver TOFTs S/N 4-6 (OFTs 4-6 and WTTs 4-6). The TOFTs will be built based on the baseline design of TOFTs 1-3, being developed by Manned Flight Simulation (MFS), with associated block upgrades in line with the MH-60R aircraft program.
  - Trainer Device OEM: Manned Flight Simulator
  - Available GFI developed by: GFE/GFI will be identified in the RFP.
- Issues: Availability and Accuracy of GFI.

- Competition Type: TSC II LOT I. FFPAF
  - Funding Range: $44.7 M to $86.1 M
  - Contract Award Date: Oct 2005
  - RFP Date: Jun 2005

- POC # NAVAIR Orlando Contracts (407) 380-8487

SH-60B,F, MH-60S Fleet Aircrew Simulation Training (FAST) Upgrade

- Description: Fidelity upgrades to SH-60B TOFTs, SH-60F OFTs, and MH-60S TOFTs in order to accomplish the ASW and CSAR missions in the Training and Readiness matrix.
  - Integrate NASMP HLA
  - Upgrade JSAF
  - Incorporate Night Vision Goggle (NVG) stimulation
  - Upgrade/integrate acoustic stimulator
  - Re-host to PC based rack system
  - Upgrade/integrate visual system
  - Integrate MH-60R Hellfire missile fly out model
  - Incorporate dipping sonar
  - Available GFI developed by: GFE/GFI will be defined in the RFP.

SH-60B,F, MH-60S Fleet Aircrew Simulation Training (FAST) Upgrade

- Issues: Scheduling myriad of trainer modifications in logical sequence with minimal impact to Fleet training.

- Competition Type: TSC II LOT I. FFP
  - Funding Range: $26.8 M to $39.7 M
  - Contract Award Date: Oct 2005
  - RFP Date: Jul 2005

- POC # (301) 757-7692

SH-60F Aircrew Virtual Environment Trainer (AVET)

- Description: SH-60F aircrew/gunner trainer in order to fully accomplish the ASW, CSAR, and Gunner missions in the T&R matrix.
  - Available GFI developed by: GFE/GFI will be defined in the RFP.
- Issues: Uncertainty of the actual cost of an AVET may impact the program's ability to deliver a fully functional trainer.
- Competition Type: TSC II LOT I. Possibly a Small Business Set Aside.
  - Funding Range: 5-6M over FY06-08
  - RFP Date: 1st Qtr 06
- POC # (301) 757-7692

T-45 Required Avionic Modernization Program (RAMP)

- Description: The T-45 RAMP will modify six 2F138A OFT to a PC operating system Glass Cockpit to include upgraded PCIG visual systems.
  - Training Device OEM: Boeing/L3Com
  - Available GFI Developed by: Rockwell Collins STS
  - Synopsis on TSC II website
- Issues: 2F138D Delivery (Prototype)
- Competition Type: TSC II
  - Funding Range: 20M+
  - RFP: Aug 06, Contract Award Date: 1st Qtr FY06
- POC# (301) 757-8152

USMC Federation

- FY 07 WESTPAC Baseline Configuration Upgrade

  The upgrade will include image generators and projector replacement, common visual/sensor database upgrade, re-host to a common host computational system and common IOS architectures (hardware/software).

  Device 2F171 CH-53E and device 2F176 KC-130T APTs.

  - Trainer Device OEM: MANNED FLIGHT SIMULATION (MFS) JF TAYLOR, INC
  - Avail GFI developed by: MANNED FLIGHT SIMULATION (MFS) JF TAYLOR, INC
- Issues: None
- Competition Type: TSC II
  - Funding Range: 1.5M – 2.5M
  - Contract Award Date: 24 MAR 06
  - RFP Date: SEPT 06
- POC # (407) 380-8212